

2010

RX 350 and RX 450h

UPDATED MAINTENANCE REQUIREMENTS

Important Supplement to Your Warranty and Services Guide

SAFETY PRECAUTIONS

The RX 450h is a gas/electric hybrid vehicle that has both high-voltage DC and AC systems as well as a 12-volt system. Both DC and AC high voltage are very dangerous and can cause personal injury, severe burns, electric shock and even fatal injury unless appropriate precautions are taken.

To avoid personal injury, please follow all caution labels attached to high-voltage parts. Do not touch or attempt to remove or replace any high-voltage (orange-colored) wiring and connectors. Do not touch the service plug behind the trim under the left rear seat.

If an accident occurs, do not touch any high-voltage wiring, connectors or parts such as the inverter under the hood or the hybrid battery assembly under the rear seat.

Do not touch the potassium hydroxide electrolyte that might spill or leak from the hybrid battery as the result of an accident. If potassium hydroxide electrolyte gets on your skin or in your eyes, neutralize it immediately with a saturated boric acid solution (ratio: 80 grams boric acid to two liters water). Seek immediate medical attention.

If a vehicle fire occurs, extinguish it with a Class D powder-type fire extinguisher.

IMPORTANT NOTICE

This booklet replaces the "Scheduled Maintenance Log" section of the *Warranty and Services Guide* in your glove box. Please refer to the booklet you are now reading for information on scheduled maintenance requirements for your vehicle. The "Scheduled Maintenance Log" section of the *Warranty and Services Guide* no longer applies to your vehicle.

MAINTENANCE IS ESSENTIAL

Regular maintenance is essential to obtaining the highest level of performance, safety and reliability from your Lexus. It can also enhance your vehicle's resale value.

It is especially important to check your vehicle's engine oil once a month and to regularly replace the engine oil and oil filter. Failure to do so can cause oil starvation and/or oil gelling, which can result in severe damage to your vehicle and require costly repairs that are not covered by the New Vehicle Limited Warranty.

Lexus recommends having maintenance for your vehicle performed by an authorized Lexus dealership. To locate your nearest authorized Lexus dealership, contact Lexus Customer Satisfaction at (800)255-3987 or visit **www.lexus.com**.

DETERMINING YOUR MAINTENANCE INTERVAL: MONTHS VS. MILEAGE

Lexus recommends obtaining maintenance for your vehicle every six months or 5,000 miles, whichever comes first.

For example:

- If at six months you have driven less than 5,000 miles, you should obtain maintenance at **six months**; don't wait until 5,000 miles.
- If you drive 5,000 miles in less than six months, you should obtain maintenance at **5,000 miles**; don't wait until six months.

Be sure to keep an eye on your mileage so that you obtain maintenance when recommended. If you are a low-mileage driver, mark your calendar to remind yourself to obtain maintenance every six months.

In addition to standard maintenance items, vehicles that are driven under special operating conditions require further maintenance service. These special operating conditions, which put added demands on a vehicle, include:

- Driving off-road, on dirt roads or on dusty roads
- Towing a trailer, using a car-top carrier or heavy vehicle loading
- Repeated trips of less than five miles in temperatures below 32° F or 0°C
- Extensive idling and/or low-speed driving for long distances, such as police, taxi or door-to-door delivery use

If you drive primarily under any of the conditions noted above, you should replace the engine oil and oil filter every six months or 5,000 miles. Some of these special operating conditions require other maintenance items; these items are indicated in each maintenance chart.

Note: If you drive only occasionally under any of the special operating conditions noted, it is not necessary to change the oil every six months or 5,000 miles or to perform the additional services listed in the charts. This added maintenance is required only if you drive primarily under any of the special operating conditions.

To help ensure that your ownership experience is pleasant, convenient and trouble-free, Lexus provides your first two maintenance services at no charge. Here are the details.

First Scheduled Maintenance Service: Six Months or 5,000 Miles

This complimentary service is performed at six months or 5,000 miles, whichever occurs first. To obtain this service, contact your Lexus dealership. Your complimentary service will include these items:

- Inspect and adjust all fluid levels
- Program Lexus Personalized Settings, if requested
- Reset maintenance reminder light
- Rotate tires
- Visually inspect brake pads, calipers and rotors
- Check installation of driver's floor mat
- Road-test vehicle

What are Lexus Personalized Settings?

Your vehicle includes a variety of electronic features that can be programmed to your preferences. For example, doors can be programmed to remain locked when you shift into "Park." Programming of these features is performed once at no charge, provided you obtain the service at the six-month/5,000-mile scheduled maintenance service. Programming of your Lexus Personalized Settings requires special equipment and may be performed only by an authorized Lexus dealership.

For more information, see the "Customizable Features' section of the Specifications chapter in your *Owner's Manual*.

Second Scheduled Maintenance Service: 12 Months or 10,000 Miles

This complimentary service is performed at 12 months or 10,000 miles, whichever occurs first. To obtain this service, contact your Lexus dealership. Your complimentary service will include these items:

- Replace engine oil with 0W-20 oil; replace oil filter
- Reset maintenance reminder light
- Rotate tires
- Visually inspect brake pads, calipers and rotors
- Check installation of driver's floor mat
- Road-test vehicle

If you do the majority of your driving under certain special operating conditions, additional items are included in this service. See the "12,000 Months or 10,000 Miles" chart on page 6.

6 Months or 5,000 Miles[1]

- ❑ Inspect and adjust all fluid levels
- ❑ Program Lexus Personalized Settings, if requested
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

Note: If you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

12 Months or 10,000 Miles[2]

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: ________ Mileage: ________

[1] *This service, excluding maintenance required for special operating conditions, is complimentary when performed by an authorized Lexus dealership.*

[2] *This service is complimentary when performed by an authorized Lexus dealership.*

18 Months or 15,000 Miles

- ❑ Clean air conditioner filter
- ❑ Inspect and adjust all fluid levels
- ❑ Replace Smart Key battery
- ❑ Reset maintenance reminder light
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Rotate tires
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle
- ❑ Inspect the following:
  - ___Axle shaft boots
  - ___Ball joints and dust covers
  - ___Body
  - ___Brake lines and hoses
  - ___Engine coolant (RX 350; see page 28)
  - ___Engine/inverter coolant (RX 450h; see page 28)
  - ___Exhaust pipes and mountings
  - ___Rack and pinion assembly
  - ___Rear differential oil (RX 350 AWD)
  - ___Steering linkage and boots
  - ___Transfer case oil (RX 350 AWD)
  - ___Variable gear ratio steering assembly (RX 450h)

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect engine air filter
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Replace rear differential oil (RX 350 AWD)
- ❑ Replace transfer case oil (RX 350 AWD)
- ❑ Tighten nuts and bolts on chassis

Date: ______________________________ Mileage: ______________________________

24 Months or 20,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: ________ Mileage: ________

30 Months or 25,000 Miles

- ❑ Inspect and adjust all fluid levels
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: ________ Mileage: ________

36 Months or 30,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Replace air conditioner filter
- ❑ Replace brake fluid
- ❑ Replace engine air filter
- ❑ Inspect the following:
  - ___Axle shaft boots
  - ___Ball joints and dust covers
  - ___Body
  - ___Brake lines and hoses
  - ___Brake rotor thickness and runout
  - ___Engine coolant (RX 350; see page 28)
  - ___Engine/inverter coolant (RX 450h; see page 28)
  - ___Exhaust pipes and mountings
  - ___Fuel lines and connections, fuel tank band and fuel tank vapor vent system hoses
  - ___Fuel tank cap gasket
  - ___Rack and pinion assembly
  - ___Rear differential oil (AWD only)
  - ___Steering linkage and boots
  - ___Transfer case oil (RX 350 AWD)
  - ___Transmission fluid
  - ___Variable gear ratio steering assembly (RX 450h)
- ❑ Replace Smart Key battery
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Replace rear differential oil (RX 350 AWD)
- ❑ Replace transfer case oil (RX 350 AWD)
- ❑ Tighten nuts and bolts on chassis

Date: ______________________________ Mileage: ______________________________

42 Months or 35,000 Miles

- ❑ Inspect and adjust all fluid levels
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: _________ Mileage: _________

48 Months or 40,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: _________ Mileage: _________

54 Months or 45,000 Miles

- ❑ Clean air conditioner filter
- ❑ Inspect and adjust all fluid levels
- ❑ Replace Smart Key battery
- ❑ Reset maintenance reminder light
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Rotate tires
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle
- ❑ Inspect the following:
  - ___Axle shaft boots
  - ___Ball joints and dust covers
  - ___Body
  - ___Brake lines and hoses
  - ___Engine coolant (RX 350; see page 28)
  - ___Engine/inverter coolant (RX 450h; see page 28)
  - ___Exhaust pipes and mountings
  - ___Rack and pinion assembly
  - ___Rear differential oil (RX 350 AWD)
  - ___Steering linkage and boots
  - ___Transfer case oil (RX 350 AWD)
  - ___Variable gear ratio steering assembly (RX 450h)

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect engine air filter
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Replace rear differential oil (RX 350 AWD)
- ❑ Replace transfer case oil (RX 350 AWD)
- ❑ Tighten nuts and bolts on chassis

Date: ______________________________ Mileage: ______________________________

60 Months or 50,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: _________ Mileage: _________

66 Months or 55,000 Miles

- ❑ Inspect and adjust all fluid levels
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: _________ Mileage: _________

72 Months or 60,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Replace air conditioner filter
- ❑ Replace brake fluid
- ❑ Replace engine air filter
- ❑ Replace Smart Key battery
- ❑ Reset maintenance reminder light
- ❑ Inspect the following:
  - ___Axle shaft boots
  - ___Ball joints and dust covers
  - ___Body
  - ___Brake lines and hoses
  - ___Brake rotor thickness and runout
  - ___Drive belt
  - ___Engine coolant (RX 350; see page 28)
  - ___Engine/inverter coolant (RX 450h; see page 28)
  - ___Exhaust pipes and mountings
  - ___Fuel lines and connections, fuel tank band and fuel tank vapor vent system hoses
  - ___Fuel tank cap gasket
  - ___Rack and pinion assembly
  - ___Rear differential oil (AWD only)
  - ___Steering linkage and boots
  - ___Transfer case oil (RX 350 AWD)
  - ___Transmission fluid
  - ___Variable gear ratio steering assembly (RX 450h)
- ❑ Rotate tires
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Replace rear differential oil (AWD only)
- ❑ Replace transfer case oil (RX 350 AWD)
- ❑ Replace transmission fluid
- ❑ Tighten nuts and bolts on chassis

Date: ________________________________ Mileage: ________________________________

78 Months or 65,000 Miles

- ❑ Inspect and adjust all fluid levels
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: _________ Mileage: _________

84 Months or 70,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: _________ Mileage: _________

90 Months or 75,000 Miles

- ❏ Clean air conditioner filter
- ❏ Inspect and adjust all fluid levels
- ❏ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❏ Replace Smart Key battery
- ❏ Reset maintenance reminder light
- ❏ Rotate tires
- ❏ Tighten axle shaft bolts (RX 450h AWD)
- ❏ Visually inspect brake pads, calipers and rotors
- ❏ Check installation of driver's floor mat
- ❏ Road-test vehicle
- ❏ Inspect the following:
  - ___Axle shaft boots
  - ___Ball joints and dust covers
  - ___Body
  - ___Brake lines and hoses
  - ___Drive belt
  - ___Engine coolant (RX 350; see page 28)
  - ___Engine/inverter coolant (RX 450h; see page 28)
  - ___Exhaust pipes and mountings
  - ___Rack and pinion assembly
  - ___Rear differential oil (RX 350 AWD)
  - ___Steering linkage and boots
  - ___Transfer case oil (RX 350 AWD)
  - ___Variable gear ratio steering assembly (RX 450h)

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❏ Inspect engine air filter
- ❏ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❏ Replace rear differential oil (RX 350 AWD)
- ❏ Replace transfer case oil (RX 350 AWD)
- ❏ Tighten nuts and bolts on chassis

Date: ______________________________ Mileage: ______________________________

96 Months or 80,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: _________ Mileage: _________

102 Months or 85,000 Miles

- ❑ Inspect and adjust all fluid levels
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

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If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: _________ Mileage: _________

108 Months or 90,000 Miles

- ❏ Replace engine oil with 0W-20 oil; replace oil filter
- ❏ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❏ Replace air conditioner filter
- ❏ Replace brake fluid
- ❏ Replace engine air filter
- ❏ Replace Smart Key battery
- ❏ Reset maintenance reminder light
- ❏ Inspect the following:
  - ___Axle shaft boots
  - ___Ball joints and dust covers
  - ___Body
  - ___Brake lines and hoses
  - ___Brake rotor thickness and runout
  - ___Drive belt
  - ___Engine coolant (RX 350; see page 28)
  - ___Engine/inverter coolant (RX 450h; see page 28)
  - ___Exhaust pipes and mountings
  - ___Fuel lines and connections, fuel tank band and fuel tank vapor vent system hoses
  - ___Fuel tank cap gasket
  - ___Rack and pinion assembly
  - ___Rear differential oil (AWD only)
  - ___Steering linkage and boots
  - ___Transfer case oil (RX 350 AWD)
  - ___Transmission fluid
  - ___Variable gear ratio steering assembly (RX 450h)
- ❏ Rotate tires
- ❏ Tighten axle shaft bolts (RX 450h AWD)
- ❏ Visually inspect brake pads, calipers and rotors
- ❏ Check installation of driver's floor mat
- ❏ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❏ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❏ Replace rear differential oil (RX 350 AWD)
- ❏ Replace transfer case oil (RX 350 AWD)
- ❏ Tighten nuts and bolts on chassis

Date: ______________________________ Mileage: ______________________________

114 Months or 95,000 Miles

- ❑ Inspect and adjust all fluid levels
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: _________ Mileage: _________

120 Months or 100,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Replace engine coolant (see page 28)
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: _________ Mileage: _________

126 Months or 105,000 Miles

- ❏ Clean air conditioner filter
- ❏ Inspect and adjust all fluid levels
- ❏ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❏ Replace Smart Key battery
- ❏ Reset maintenance reminder light
- ❏ Rotate tires
- ❏ Tighten axle shaft bolts (RX 450h AWD)
- ❏ Visually inspect brake pads, calipers and rotors
- ❏ Check installation of driver's floor mat
- ❏ Road-test vehicle
- ❏ Inspect the following:

___Axle shaft boots
___Ball joints and dust covers
___Body
___Brake lines and hoses
___Drive belt
___Engine/inverter coolant (RX 450h; see page 28)
___Exhaust pipes and mountings
___Rack and pinion assembly
___Rear differential oil
___Steering linkage and boots
___Transfer case oil (RX 350 AWD)
___Variable gear ratio steering assembly (RX 450h)

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❏ Inspect engine air filter
- ❏ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❏ Replace rear differential oil (RX 350 AWD)
- ❏ Replace transfer case oil (RX 350 AWD)
- ❏ Tighten nuts and bolts on chassis

Date: ______________________________ Mileage: ______________________________

132 Months or 110,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: ________ Mileage: ________

138 Months or 115,000 Miles

- ❑ Inspect and adjust all fluid levels
- ❑ Inspect engine coolant (see page 28)
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: ________ Mileage: ________

144 Months or 120,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Replace air conditioner filter
- ❑ Replace brake fluid
- ❑ Replace engine air filter
- ❑ Replace Smart Key battery
- ❑ Replace spark plugs (on RX 350, use Denso FK20HR11 plugs or equivalent)[1]
- ❑ Inspect the following:
  - ___Axle shaft boots
  - ___Ball joints and dust covers
  - ___Body
  - ___Brake lines and hoses
  - ___Brake rotor thickness and runout
  - ___Drive belt
  - ___Engine/inverter coolant (RX 450h; see page 28)
  - ___Exhaust pipes and mountings
  - ___Fuel lines and connections, fuel tank band and fuel tank vapor vent system hoses
  - ___Fuel tank cap gasket
  - ___Rack and pinion assembly
  - ___Rear differential oil (AWD only)
  - ___Steering linkage and boots
  - ___Transfer case oil (RX 350 AWD)
  - ___Transmission fluid
  - ___Variable gear ratio steering assembly (RX 450h)
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Replace rear differential oil (AWD only)
- ❑ Replace transfer case oil (RX 350 AWD)
- ❑ Replace transmission fluid
- ❑ Tighten nuts and bolts on chassis

Date: ______________________________ Mileage: ______________________________

[1]*Required under the terms of the Emission Control Warranty.*

150 Months or 125,000 Miles

- ❑ Inspect and adjust all fluid levels
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: _________ Mileage: _________

156 Months or 130,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Inspect engine coolant (see page 28)
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: _________ Mileage: _________

162 Months or 135,000 Miles

- ❑ Clean air conditioner filter
- ❑ Inspect and adjust all fluid levels
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Replace Smart Key battery
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle
- ❑ Inspect the following:

___Axle shaft boots
___Ball joints and dust covers
___Body
___Brake lines and hoses
___Drive belt
___Engine/inverter coolant (RX 450h; see page 28)
___Exhaust pipes and mountings
___Rack and pinion assembly
___Rear differential oil (RX 350 AWD)
___Steering linkage and boots
___Transfer case oil (RX 350 AWD)
___Variable gear ratio steering assembly (RX 450h)

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect engine air filter
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Replace rear differential oil (RX 350 AWD)
- ❑ Replace transfer case oil (RX 350 AWD)
- ❑ Tighten nuts and bolts on chassis

Date: ______________________________ Mileage: ______________________________

168 Months or 140,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: ________ Mileage: ________

174 Months or 145,000 Miles

- ❑ Inspect and adjust all fluid levels
- ❑ Inspect engine coolant (see page 28)
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

Note: If 0W-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with 0W-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Inspect axle shaft boots
- ❑ Inspect ball joints and dust covers
- ❑ Inspect engine air filter
- ❑ Inspect steering linkage and boots
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Tighten nuts and bolts on chassis

Date: ________ Mileage: ________

180 Months or 150,000 Miles

- ❑ Replace engine oil with 0W-20 oil; replace oil filter
- ❑ Re-torque nuts and bolts of drive shaft (RX 350 AWD)
- ❑ Replace air conditioner filter
- ❑ Replace brake fluid
- ❑ Replace engine air filter
- ❑ Replace engine coolant (RX 350; see page 28)
- ❑ Replace engine/inverter coolant (RX 450h; see page 28)
- ❑ Replace Smart Key battery
- ❑ Inspect the following:
  - ___Axle shaft boots
  - ___Ball joints and dust covers
  - ___Body
  - ___Brake lines and hoses
  - ___Brake rotor thickness and runout
  - ___Drive belt
  - ___Exhaust pipes and mountings
  - ___Fuel lines and connections, fuel tank band and fuel tank vapor vent system hoses
  - ___Fuel tank cap gasket
  - ___Rack and pinion assembly
  - ___Rear differential oil (AWD only)
  - ___Steering linkage and boots
  - ___Transfer case oil (RX 350 AWD)
  - ___Transmission fluid
  - ___Variable gear ratio steering assembly (RX 450h)
- ❑ Reset maintenance reminder light
- ❑ Rotate tires
- ❑ Tighten axle shaft bolts (RX 450h AWD)
- ❑ Visually inspect brake pads, calipers and rotors
- ❑ Check installation of driver's floor mat
- ❑ Road-test vehicle

If you drive primarily under either of these special operating conditions, perform these additional items:

Driving off-road, on dirt roads or on dusty roads:

- ❑ Tighten nuts and bolts on chassis

Towing a trailer, using a car-top carrier or heavy vehicle loading:

- ❑ Replace rear differential oil (RX 350 AWD)
- ❑ Replace transfer case oil (RX 350 AWD)
- ❑ Tighten nuts and bolts on chassis

Date: ______________________________ Mileage: ______________________________

The following descriptions are provided to give you a better understanding of the maintenance services that should be performed on your vehicle. The scheduled maintenance log indicates at which time/mileage intervals each service should be performed. Please note that many maintenance services should be performed only by a qualified technician.

> For further information on maintenance services that you can perform yourself, see the maintenance sections of your *Owner's Manual*.

Air Conditioner Filter

Clean or replace at specified intervals. More frequent cleaning or replacement may be required when driving in heavy traffic areas, in urban or dusty areas, in desert areas or on dirt roads. Refer to your *Owner's Manual* for service details.

Axle Shaft Boots

Check the axle shaft boots and clamps for cracks, deterioration and damage. Replace any damaged parts and, if necessary, repack the grease. A qualified technician should perform these operations.

Ball Joints and Dust Covers

Check the suspension and steering linkage ball joints for looseness and damage. Check all dust covers for deterioration and damage. A qualified technician should perform these inspections.

Battery: 12-Volt (Auxiliary Battery) (RX 450h)

The original-equipment 12-volt battery, located on the left side of the cargo compartment, is a sealed, maintenance-free special-application battery that is different from a conventional automotive battery. Replacement batteries are available from your Lexus dealership.

Battery: Hybrid (Traction Battery) (RX 450h)

The hybrid battery is a NiMH (nickel metal hydride) compact, high-output battery. This battery does not require regular maintenance. However, if the vehicle is parked for a long time, the hybrid battery will discharge gradually. To keep the hybrid battery in good condition, drive the vehicle at least once every several months for at least 30 minutes or 10 miles. If the hybrid battery becomes fully discharged and the vehicle will not start even with a

jump-start to the 12-volt battery, contact your Lexus dealership.

Any repairs to the hybrid battery or hybrid system should be performed by a qualified technician following procedures in Lexus service and repair publications. **Please refer to the important safety precautions on the inside front cover of this booklet.**

Body Inspection

Visually check for corrosion, scratches and other damage. Check outer body panels, inner panels of the hood and doors, and underneath the vehicle. Apply touch-up paint to any chips and scratches or have them repaired by a qualified technician.

Brake Fluid

Replace using fluid type specified in your *Owner's Manual*. A qualified technician should perform this operation.

Brake Lines and Hoses

Visually inspect for proper installation. Check for chafing, cracks, deterioration and signs of leakage. Replace any deteriorated or damaged parts. A qualified technician should perform these operations.

Brake Pads, Calipers and Rotors

Check brake pads and rotors for excessive wear; check brake rotors for runout. Check brake calipers for fluid leakage. Check the parking brake linings (shoes) and drums for scoring, burning, fluid leakage, broken parts and excessive wear. A qualified technician should perform these inspections.

Differential Oil (RX 350)

Check for correct oil level and inspect each differential component for signs of leakage. If you discover any leakage, have it repaired immediately by a qualified technician. Refer to your *Owner's Manual* for fluid specifications.

Drive Belt

Inspect for cracks, excessive wear and oiliness. Check the belt tension and adjust if necessary. Replace the belts if they are damaged.

Drive Shaft (RX 350)

Re-torque the flange nuts and bolts. A qualified technician should perform this operation.

Driver's Floor Mat

- Only use the driver's floor mat designed specifically for the model and model year of your vehicle, such as Lexus Genuine floor mats.
- Always properly secure the driver's floor mat using the retaining hooks.
- Never install another floor mat on top of the existing driver's floor mat.
- Never install the driver's floor mat upside down.

Engine Air Filter

Check for damage, excessive wear and oiliness. Replace if necessary.

Engine Coolant (RX 350) or Engine/Inverter Coolant (RX 450h)

When inspecting, visually check the level of the engine coolant or engine/inverter coolant on the see-through reservoir. Add coolant as necessary. When replacing, drain and flush the cooling system and refill with coolant. Always use Genuine Toyota Super Long-Life Coolant or similar high-quality non-silicate, non-amine, non-borate ethylene-glycol coolant with long-life hybrid organic acid technology (i.e., a combination of low phosphates and organic acids). A qualified technician should perform these operations. **RX 450h owners: Please refer to the important safety precautions on the inside front cover of this booklet.**

Check the radiator and condenser for blockage by leaves, dirt or insects and clean if necessary. Also check the hose connections for corrosion and condition of installation.

Note: Initial replacement of engine coolant is at 120 months/100,000 miles. Replace every 60 months/50,000 miles thereafter. Initial replacement of inverter coolant is at 180 months/150,000 miles. Replace every 60 months/50,000 miles thereafter.

Engine Oil and Oil Filter

Replace the oil filter and drain and refill the engine oil at specified intervals. SAE 0W-20 oil is the best choice for good fuel economy and good starting in cold weather. If SAE 0W-20 is not available, SAE 5W-20 may be used; however, it must be replaced with SAE 0W-20 at the next oil change. See your Lexus dealer for

oil specifically formulated for your vehicle's engine. For instructions on how to reset the reminder light, refer to your *Owner's Manual*.

Note: If you do the majority of your driving under any of the special operating conditions indicated on page 3, you should replace the engine oil and oil filter every six months or 5,000 miles, regardless of the oil used or the certification of the vehicle.

Engine Valve Clearance (RX 450h)

This engine has hydraulic valve adjusters that require no periodic clearance inspection or adjustment.

Exhaust Pipes and Mountings

Visually inspect the exhaust pipes, muffler and hangers for cracks, deterioration and damage. Start the engine and listen carefully for any exhaust leakage. Tighten connections and replace parts as necessary.

Fuel Lines and Connections, Fuel Tank Band and Fuel Tank Vapor Vent System Hoses

Visually inspect for corrosion, damage, cracks, and loose or leaking connections. Tighten connections and replace parts as necessary.

Fuel Tank Cap Gasket

Visually inspect for cracks, deterioration and damage and replace if necessary.

Nuts and Bolts on Chassis

Check that tightness of the seat-mounting bolts and front/rear suspension-member retaining bolts matches torque measurements specified in the *Repair Manual*.

Rack and Pinion Assembly

Inspect the rack and pinion assembly for signs of leakage, damage and loose electrical connections. Tighten connections and if you discover any leakage or damage, have it repaired immediately by a qualified technician.

Rear Differential Oil (RX 450h)

Check level and condition of oil and inspect the rear differential assembly case for signs of leakage. (The rear electric motor/generator does not require periodic maintenance.) Any service that requires inspecting or replacing rear differential oil should be performed by a qualified technician following procedures in Lexus service and repair publications.

Please refer to the important safety precautions on the inside front cover of this booklet.

Road Test
While driving the vehicle, check for proper operation of engine, transmission, brakes and steering. Also check for abnormal noise or vibration from any part of the vehicle.

Spark Plugs
Replace at specified interval. Install new plugs of the same type as originally equipped (see your *Owner's Manual*). A qualified technician should perform this operation. **RX 350 owners: To ensure optimum engine performance, replace only with Denso FK20HR11 plugs or equivalent.**

Steering Linkage and Boots
With the vehicle stopped, check for excessive freeplay in the steering wheel. Inspect the linkage for bending and damage and the dust boots for deterioration, cracks and damage. Replace any damaged parts. A qualified technician should perform these operations.

Timing Chain
Your vehicle is equipped with a timing chain that requires no periodic inspection.

Tire-Pressure Warning Sensors
A tire-pressure sensor is mounted on each full-size wheel. These sensors do not require periodic maintenance. When a sensor's long-life lithium battery becomes discharged, the battery should be replaced by a qualified technician following procedures in Lexus service and repair publications.

Tire Rotation
Tires should be rotated according to the instructions in your *Owner's Manual*. When rotating tires, check pressure and check for damage and uneven wear. If the spare is not rotated, check the condition and pressure of the spare.

Transfer Case Oil (RX 350)
Check for correct oil level and inspect each component for signs of leakage. If you discover any leakage, have it repaired immediately by a qualified technician. For correct oil, refer to your *Owner's Manual*.

Transmission Fluid (RX 350)
Inspect each transmission component for signs of leakage. If you discover any leakage, have it repaired immediately by a qualified technician.

Transmission Fluid (RX 450h)

Check level and condition of fluid and inspect the transmission/front differential assembly case for signs of leakage. (The front electric motor/generators do not require periodic maintenance.) Any service that requires inspecting or replacing transmission/front differential fluid should be performed by a qualified technician following procedures in Lexus service and repair publications. **Please refer to the important safety precautions on the inside front cover of this booklet.**

Variable Gear Ratio Steering Assembly (RX 450h)

Inspect the variable gear ratio steering assembly for damage and loose electrical connections. Tighten loose connections and if you discover any damage, have it repaired immediately by a qualified technician following procedures in Lexus service and repair publications.

NOTES

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